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        Set   Items   Description
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? E AU=AGGER, ELSE

Ref    Items   Index-term
E1         0  *AU=AGGER, ELSE
E2         2   AU=AGGER, ELSE M
E3         5   AU=AGGER, ELSE M.
E4        61   AU=AGGER, ELSE MARIE
E5         5   AU=AGGER, ELSE-MARIE
E6        28   AU=AGGER, EM
E7         1   AU=AGGER, EUGENE EWALD
E8         2   AU=AGGER, F.
E9         1   AU=AGGER, FRODE
E10        3   AU=AGGER, G.
E11        1   AU=AGGER, H.E.
E12        1   AU=AGGER, HELEN OLSEN

           Enter P or PAGE for more
? S E1-E12 AND (MYCOBAC? OR APOLAR OR NONPOLAR)
                0   AU=AGGER, ELSE
                2   AU=AGGER, ELSE M
                5   AU=AGGER, ELSE M.
               61   AU=AGGER, ELSE MARIE
                5   AU=AGGER, ELSE-MARIE
               28   AU=AGGER, EM
                1   AU=AGGER, EUGENE EWALD
                2   AU=AGGER, F.
                1   AU=AGGER, FRODE
                3   AU=AGGER, G.
                1   AU=AGGER, H.E.
                1   AU=AGGER, HELEN OLSEN
           664808   MYCOBAC?
            26258   APOLAR
            89988   NONPOLAR
       S1      71   E1-E12 AND (MYCOBAC? OR APOLAR OR NONPOLAR)
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>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
       S2      37   RD (unique items)
? T S2/3,K/1-37
>>>KWIC option is not available in file(s): 399

 2/3,K/1      (Item 1 from file: 24)
DIALOG(R)File  24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0004193078        IP ACCESSION NO: 13104607
Immunological Memory Transferred with CD4 T Cells Specific for Tuberculosis
Antigens Ag85B-TB10.4: Persisting Antigen Enhances Protection

Duffy, Darragh;  Dawoodji, Amina;  Agger, Else Marie;  Andersen,
Peter;  Westermann, Juergen;  Bell, Eric B
Immunology Section, University of Manchester, Manchester, United Kingdom

PLoS ONE, v 4, n 2, p [np], December 14, 2009
PUBLICATION DATE: 2009
```

PUBLISHER: BioMed Central Ltd., Middlesex House London W1T 4LB United Kingdom

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ELECTRONIC ISSN: 1932-6203
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts
Duffy, Darragh; Dawoodji, Amina; Agger, Else Marie; Andersen, Peter; Westermann, Juergen; Bell, Eric B

ABSTRACT:
... tuberculosis has stimulated efforts to develop a new vaccine to replace BCG. A number of Mycobacterium tuberculosis (Mtb)-specific antigens have been synthesised as recombinant subunit vaccines for clinical evaluation. Recently...

...DESCRIPTORS: Fusion protein; Immunological memory; Life span; Lymphocytes T; Memory cells; Morbidity; Tuberculosis; Vaccines; gamma-Interferon; Mycobacterium tuberculosis

0004078223 IP ACCESSION NO: 12492487
Adjuvants Induce Distinct Immunological Phenotypes in a Bovine Tuberculosis Vaccine Model

Vordermeier, HMartin; Dean, Gillian S; Rosenkrands, Ida; Agger, Else M; Andersen, Peter; Kaveh, Daryan A; Hewinson, RGlyn; Hogarth*, Philip J
TB Research Group, Veterinary Laboratories Agency-Weybridge, Addlestone, Surrey KT15 3NB, United Kingdom [mailto:p.j.hogarth@vla.defra.gsi.gov.uk]

Clinical and Vaccine Immunology, v 16, n 10, p 1443-1448, October , 2009
PUBLICATION DATE: 2009

PUBLISHER: American Society for Microbiology, 1752 N Street N.W. Washington, DC 20036 USA

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 1556-679X
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Vordermeier, HMartin; Dean, Gillian S; Rosenkrands, Ida; Agger, Else M; Andersen, Peter; Kaveh, Daryan A; Hewinson, RGlyn; Hogarth*, Philip J

ABSTRACT:
Tuberculosis (TB) remains one of the most important infectious diseases of humans and animals. Mycobacterium bovis BCG, the only currently available TB vaccine, demonstrates variable levels of efficacy; therefore, a...

...shown promise but require the use of adjuvants to enhance their

immunogenicity. Using the protective mycobacterial antigen Rv3019c, we have evaluated the induction of relevant immune responses by adjuvant formulations directly...

DESCRIPTORS: Adjuvants; Animal models; BCG; Effector cells; Immune response; Immunogenicity; Infectious diseases; Oil; Proteins; Tuberculosis; Vaccines; Mycobacterium bovis

2/3,K/3 (Item 3 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0003791889 IP ACCESSION NO: 10083296
A Liposome-Based Mycobacterial Vaccine Induces Potent Adult and Neonatal Multifunctional T Cells through the Exquisite Targeting of Dendritic Cells

Kamath, Arun T; Rochat, Anne-FranASCoise; Christensen, Dennis; Agger, Else Marie; Andersen, Peter; Lambert, Paul-Henri; Siegrist, Claire-Anne; Unutmaz, Derya
World Health Organization Collaborating Center for Vaccinology and Neonatal Immunology, Départments of Pathology-Immunology and Pediatrics, Medical Faculty of the University of Geneva, Geneva, Switzerland

PloS ONE, v 4, n 6, p e5771, 2009
PUBLICATION DATE: 2009

PUBLISHER: BioMed Central Ltd., Middlesex House

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ELECTRONIC ISSN: 1932-6203
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

A Liposome-Based Mycobacterial Vaccine Induces Potent Adult and Neonatal Multifunctional T Cells through the Exquisite Targeting of Dendritic...

Kamath, Arun T; Rochat, Anne-FranASCoise; Christensen, Dennis; Agger, Else Marie; Andersen, Peter; Lambert, Paul-Henri; Siegrist, Claire-Anne; Unutmaz, Derya

ABSTRACT:
... CAF01 was identified as a remarkable formulation. Based on cationic liposomes and including a synthetic mycobacterial glycolipid as TLR-independent immunomodulator, it induces strong and protective T helper-1 and T helper-17 adult murine responses to Ag85B-ESAT-6, a major mycobacterial fusion protein. Here, we assessed whether these properties extend to early life and how CAF01...

...DESCRIPTORS: Fusion protein; Glycolipids; Helper cells; Immunization; Immunomodulation; Liposomes; Lymph nodes; Lymphocytes T; Neonates; Tuberculosis; Vaccines; Mycobacterium

2/3,K/4 (Item 4 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0003731400 IP ACCESSION NO: 9131998
Adjuvant modulation of the cytokine balance in Mycobacterium
tuberculosis subunit vaccines; immunity, pathology and protection

Agger, Else Marie; Cassidy, Joseph P; Brady, Joseph; Korsholm,
Karen S; Vingsbo-Lundberg, Carina; Andersen, Peter
1Department of Infectious Disease Immunology, Statens Serum Institut,
Copenhagen, Denmark, [mailto:eag@si.dk]

Immunology, v 124, n 2, p 175-185, June 2008
PUBLICATION DATE: 2008

PUBLISHER: Blackwell Publishing Ltd., 9600 Garsington Road

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0019-2805
ELECTRONIC ISSN: 1365-2567
FILE SEGMENT: Immunology Abstracts; Bacteriology Abstracts (Microbiology B)
Adjuvant modulation of the cytokine balance in Mycobacterium
tuberculosis subunit vaccines; immunity, pathology and protection

Agger, Else Marie; Cassidy, Joseph P; Brady, Joseph; Korsholm,
Karen S; Vingsbo-Lundberg, Carina; Andersen, Peter

ABSTRACT:
... and studied cellular responses, bacterial replication and pathology in
the lungs of mice infected with Mycobacterium tuberculosis. All
vaccines induced cell-mediated and humoral responses but with markedly
different interferon- gamma...

...DESCRIPTORS: Liposomes; Lung; Lymphocytes T; Macrophages;
Monophosphoryl lipid A; Nitric oxide; Replication; Tuberculosis;
Vaccines; gamma -Interferon; Mycobacterium tuberculosis

2/3,K/5 (Item 5 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0003400874 IP ACCESSION NO: 8607482
Comparison of vesicle based antigen delivery systems for delivery of
hepatitis B surface antigen

Vangala, Anil; Bramwell, Vincent W; McNeil, Sarah; Christensen, Dennis;
Agger, Else Marie; Perrie, Yvonne
Medicines Research Unit, School of Life and Health Sciences, Aston
University, Birmingham, B4 7ET, UK, [mailto:y.perrie@aston.ac.uk]

Journal of Controlled Release, v 119, n 1, p 102-110, May 2007
PUBLICATION DATE: 2007

PUBLISHER: Elsevier Science, The Boulevard Langford Lane Kidlington Oxford
OX5 1GB UK, [mailto:nlinfo-f@elsevier.nl], [URL:http://www.elsevier.nl]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0168-3659

FILE SEGMENT: Virology & AIDS Abstracts; Biotechnology Research Abstracts
Vangala, Anil; Bramwell, Vincent W; McNeil, Sarah; Christensen, Dennis; Agger, Else Marie; Perrie, Yvonne

ABSTRACT:
... cholesterol (DC-Chol) or dimethyl dioctadecylammonium bromide (DDA) with hepatitis B surface antigen (HBsAg). Synthetic mycobacterial cord factor, trehalose 6,6'- dibehenate (TDB) has been used as an adjuvant and the...

...DESCRIPTORS: Immunogenicity; Interleukin 2; Lecithin; Lymphocytes T; Splenocytes; Surfactants; Temperature effects; Trehalose; Vaccines; Vesicles; amines; bromides; Mycobacterium

2/3,K/6 (Item 6 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0003359034 IP ACCESSION NO: 8473032
Liposomes act as stronger sub-unit vaccine adjuvants when compared to microspheres

Kirby, DJ; Rosenkrands, I; Agger, EM; Andersen, P; Coombes, AGA; Perrie, Y
Medicines Research Unit, School of Life and Health Sciences, Aston University, Birmingham B4 7ET, UK, [mailto:y.perrie@aston.ac.uk]

Journal of Drug Targeting, v 16, n 7-8, p 543-554, 2008
PUBLICATION DATE: 2008

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 1061-186X
FILE SEGMENT: Immunology Abstracts; Biotechnology Research Abstracts

Kirby, DJ; Rosenkrands, I; Agger, EM; Andersen, P; Coombes, AGA; Perrie, Y

DESCRIPTORS: Adjuvants; Ammonium; Drug delivery; Evaporation; Immune response; Liposomes; Solvents; Surfactants; Tuberculosis; Vaccines; bromides; microspheres; Mycobacterium

2/3,K/7 (Item 7 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0003254542 IP ACCESSION NO: 8228784
PLGA microspheres for the delivery of a novel subunit TB vaccine

Kirby, DJ; Rosenkrands, I; Agger, EM; Andersen, P; Coombes, AGA; Perrie, Y
Medicines Research Unit, School of Life and Health Sciences, Aston University, Birmingham B4 7ET, UK, [mailto:y.perrie@aston.ac.uk]

Journal of Drug Targeting, v 16, n 4, p 282-293, 2008
PUBLICATION DATE: 2008

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 1061-186X
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts ; Biotechnology Research Abstracts

Kirby, DJ; Rosenkrands, I; Agger, EM; Andersen, P; Coombes, AGA; Perrie, Y

...DESCRIPTORS: Immunization; Immunostimulation; Lipids; Liposomes; Particle size; Solvents; Trehalose; Tuberculosis; Vaccines; bromides ; microspheres; polylactide-co-glycolide; Mycobacterium

2/3,K/8 (Item 8 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002971996 IP ACCESSION NO: 7207618
The Combined CTA1-DD/ISCOMs Vector Is an Effective Intranasal Adjuvant for Boosting Prior Mycobacterium bovis BCG Immunity to Mycobacterium tuberculosis

Andersen, Claire Swetman; Dietrich, Jes; Agger, Else Marie; Lycke, Nils Y; Loevgren, Karin; Andersen, Peter
Statens Serum Institute, Adjuvant/Vaccine Research, Department of Infectious Disease Immunology, Copenhagen, Denmark. Department of Clinical Immunology, MVAC, University of Goeteborg, Goeteborg, Sweden. Isconova, Uppsala, Sweden

Infection and Immunity, v 75, n 1, p 408-416, January 2007
PUBLICATION DATE: 2007

PUBLISHER: American Society for Microbiology, 1752 N Street N.W. Washington, DC 20036 USA, [URL:http://www.asm.org/]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0019-9567
ELECTRONIC ISSN: 1098-5522
FILE SEGMENT: Biotechnology Research Abstracts; Immunology Abstracts; Bacteriology Abstracts (Microbiology B)

The Combined CTA1-DD/ISCOMs Vector Is an Effective Intranasal Adjuvant for Boosting Prior Mycobacterium bovis BCG Immunity to Mycobacterium tuberculosis

Andersen, Claire Swetman; Dietrich, Jes; Agger, Else Marie; Lycke, Nils Y; Loevgren, Karin; Andersen, Peter

ABSTRACT:
Infection with Mycobacterium tuberculosis, the causative agent of tuberculosis (TB), remains one of the leading causes of mortality worldwide. The current "gold standard" vaccine Mycobacterium bovis BCG has a limited efficacy that wanes over time. The development of a vaccine...

...DESCRIPTORS: BCG; CD4 antigen; Fusion protein; ISCOMS; Immunity; Lung; Lymphocytes T; Mortality; Pathogens; Tuberculosis; Vaccines; Vectors; Mycobacterium bovis; Mycobacterium tuberculosis

2/3,K/9 (Item 9 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002832769 IP ACCESSION NO: 6869039
Protective immunity to tuberculosis with Ag85B-ESAT-6 in a synthetic cationic adjuvant system IC31

Agger, Else Marie; Rosenkrands, Ida; Olsen, Anja Weinreich; Hatch, Graham; Williams, Ann; Kritsch, Constantia; Lingnau, Karen; Von Gabain, Alexander; Andersen, Claire Swetman; Korsholm, Karen Smith; Andersen, Peter
Department of Infectious Disease Immunology, Statens Serum Institut, Adjuvant Research, 5 Artillerivej, DK-2300 Copenhagen S, Denmark, [mailto:eag@ssi.dk]

Vaccine, v 24, n 26, p 5452-5460, June 2006
PUBLICATION DATE: 2006

PUBLISHER: Butterworth-Heinemann, 313 Washington St. Newton MA 02158 USA

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0264-410X
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Medical & Pharmaceutical Biotechnology Abstracts; Immunology Abstracts

Agger, Else Marie; Rosenkrands, Ida; Olsen, Anja Weinreich; Hatch, Graham; Williams, Ann; Kritsch, Constantia; Lingnau, Karen...

ABSTRACT:
... for the ability to augment the immune response and protective efficacy of the well-known mycobacterial vaccine antigen, Ag85B-ESAT-6. The IC31 adjuvant, consisting of a vehicle based on the...

...DESCRIPTORS: T; gamma-Interferon; Oligonucleotides; TLR9 protein; CD4 antigen; Toll-like receptors; Cationic peptides; Helper cells; Mycobacterium tuberculosis

2/3,K/10 (Item 10 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002829853 IP ACCESSION NO: 6836134
Re-formulation of selected DNA vaccine candidates and their evaluation as protein vaccines using a guinea pig aerosol infection model of tuberculosis

Vipond, Julia; Clark, Simon O; Hatch, Graham J; Vipond, Richard; Agger, Else Marie; Tree, Julia A; Williams, Ann; Marsh, Philip D
Research Division, Health Protection Agency, Porton Down, Salisbury SP4 0JG, UK, [mailto:julia.vipond@hpa.org.uk]

Tuberculosis, v 86, n 3-4, p 218-224, 2006
PUBLICATION DATE: 2006

PUBLISHER: Harcourt Publishers Ltd., Robert Stevenson House 1-3 Baxter's Place, Leith Walk Edinburgh EH1 3AF UK, [mailto:Claire Wilson@harcourt.com], [URL:http://www.idealibrary.com/]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 1472-9792
FILE SEGMENT: Bacteriology Abstracts (Microbiology B)

Vipond, Julia; Clark, Simon C; Hatch, Graham J; Vipond, Richard; Agger, Else Marie; Tree, Julia A; Williams, Ann; Marsh, Philip D

ABSTRACT:
A selection of previously identified protective Mycobacterium tuberculosis DNA vaccines were re-formulated as proteins and administered with a Th1-inducing adjuvant...

DESCRIPTORS: Tuberculosis; Aerosols; Animal models; DNA vaccines; Lymphocytes; Adjuvants; Immunoglobulin G; Lung; BCG; Mycobacterium tuberculosis

2/3,K/11 (Item 11 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002776114 IP ACCESSION NO: 6517633
Cationic Liposomes Containing Mycobacterial Lipids: a New Powerful Th1 Adjuvant System

Rosenkrands, Ida; Agger, Else Marie; Olsen, Anja W; Korsholm, Karen S; Andersen, Claire Swetman; Jensen, Klaus T; Andersen, Peter
Statens Serum Institut, Department of Infectious Disease Immunology, Copenhagen, Denmark

Infection and Immunity, v 73, n 9, p 5817-5826, September 2005
PUBLICATION DATE: 2005

PUBLISHER: American Society for Microbiology, 1752 N Street N.W. Washington, DC 20036 USA, [URL:http://www.asm.org/]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0019-9567
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts; Medical & Pharmaceutical Biotechnology Abstracts

Cationic Liposomes Containing Mycobacterial Lipids: a New Powerful Th1 Adjuvant System

Rosenkrands, Ida; Agger, Else Marie; Olsen, Anja W; Korsholm, Karen S; Andersen, Claire Swetman; Jensen, Klaus T; Andersen...

ABSTRACT:
The immunostimulation provided by the mycobacterial cell wall has been exploited for many decades, e.g., in Freund's complete adjuvant...

...adjuvant activity, including Toll receptor signaling, has begun to be unraveled, confirming the potential of mycobacterial constituents to act as adjuvants. In this study, the immunostimulatory properties of a Mycobacterium bovis BCG lipid extract were tested for their adjuvant activity. Administration of the lipids in...

...c mice. Furthermore, the mycosomes induced immune responses to protein antigens from several sources including Mycobacterium tuberculosis, Chlamydia muridarum, and tetanus toxoid. In a tuberculosis challenge model, the mycosomes combined with...

...DESCRIPTORS: Interferon; Lymphocytes T; Lipids; Helper cells; Liposomes; Immunoglobulin G; BCG; Lipid A; Tuberculosis; Tetanus; Toxoids; Mycobacterium bovis; Mycobacterium tuberculosis; Chlamydia muridarum

2/3,K/12 (Item 12 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002696596 IP ACCESSION NO: 6212791
Protection of macaques against Mycobacterium tuberculosis infection by a subunit vaccine based on a fusion protein of antigen 85B and ESAT-6

Langermans, JAM; Doherty, TM; Vervenne, RAW; Van der Laan, T; Lyashchenko, K; Greenwald, R; Agger, EM; Aagaard, C; Weiler, H; Van Soolingen, D; Dalemans, W; Thomas, AW; Andersen, P
Department of Parasitology, Biomedical Primate Research Centre, P.O. Box 3306, 2280 GH Rijswijk, The Netherlands, [mailto:thomas@bprc.nl]

Vaccine, v 23, n 21, p 2740-2750, April 2005
PUBLICATION DATE: 2005

PUBLISHER: Butterworth-Heinemann, 313 Washington St. Newton MA 02158 USA

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0264-410X
FILE SEGMENT: Immunology Abstracts; Bacteriology Abstracts (Microbiology B); Medical & Pharmaceutical Biotechnology Abstracts

Protection of macaques against Mycobacterium tuberculosis infection by a subunit vaccine based on a fusion protein of antigen 85B and...

Langermans, JAM; Doherty, TM; Vervenne, RAW; Van der Laan, T; Lyashchenko, K; Greenwald, R; Agger, EM; Aagaard, C; Weiler, H; Van Soolingen, D; Dalemans, W; Thomas, AW; Andersen, P

ABSTRACT:
... resulted in a reduction in bacterial number and/or lung pathology in animals challenged with Mycobacterium tuberculosis. Vaccination prevented an increase in C-reactive protein serum levels, general activation of CD4...

...CD8 subsets and boosted development of humoral and cellular immune responses to a spectrum of mycobacterial antigens on exposure to M. tuberculosis infection. We show, in two independent experiments, that vaccination...

...DESCRIPTORS: Serum levels; C-reactive protein; CD8 antigen; Animal models; Antigen 85B; Adjuvants; CD4 antigen; Lung; Mycobacterium tuberculosis; Macaca

2/3,K/13 (Item 13 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002618815 IP ACCESSION NO: 6011585
The Influence of Remaining Live BCG Organisms in Vaccinated Mice on the Maintenance of Immunity to Tuberculosis

Olsen, AW; Brandt, L; Agger, EM; Van Pinxteren, LA; Andersen, P
Department of Infectious Disease Immunology Statens Serum Institut Copenhagen, Denmark. Present addresses:, [mailto:pa@ssi.dk]

Scandinavian Journal of Immunology, v 60, n 3, p 273-277, September 2004
PUBLICATION DATE: 2004

PUBLISHER: Blackwell Science Ltd

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0300-9475
ELECTRONIC ISSN: 1365-3083
FILE SEGMENT: Immunology Abstracts; Bacteriology Abstracts (Microbiology B)
Olsen, AW; Brandt, L; Agger, EM; Van Pinxteren, LA; Andersen, P

ABSTRACT:
The only available vaccine against Mycobacterium tuberculosis, the bacille Calmette-Guerin (BCG) vaccine, is at present being used as a reference...

...vaccination in C57BL/6J mice. If BCG is cleared by antibiotic treatment, the number of mycobacteria-reactive effector cells in the spleen gradually reverts to low levels and consequently immunity in...

DESCRIPTORS: BCG; Tuberculosis; Lung diseases; Vaccination; Spleen; Effector cells; Vaccines; Mycobacterium tuberculosis

2/3,K/14 (Item 14 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002528333 IP ACCESSION NO: 5803061
Human T-cell responses to the RD1-encoded protein TB27.4 (Rv3878) from Mycobacterium tuberculosis

Agger, EM; Brock, I; Okkels, LM; Arend, SM; Aagaard, CS; Weldingh, KN; Andersen, P
Department of Infectious Disease Immunology, Statens Serum Institut, Artillerivej 5, DK-2300 Copenhagen S, Denmark, [mailto:eag@ssi.dk]

Immunology, v 110, n 4, p 507-512, December 2003
PUBLICATION DATE: 2003

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0019-2805
FILE SEGMENT: Immunology Abstracts; Bacteriology Abstracts (Microbiology B)

Human T-cell responses to the RD1-encoded protein TB27.4 (Rv3878) from Mycobacterium tuberculosis

Agger, EM; Brock, I; Okkels, LM; Arend, SM; Aagaard, CS; Weldingh, KN; Andersen, P

ABSTRACT:
... years, there has been considerable focus on the discovery and characterization of proteins derived from Mycobacterium tuberculosis leading to the identification of a number of candidate antigens for use in vaccine...

DESCRIPTORS: Lymphocytes T; Tuberculosis; BCG; Immunoblotting; Vaccines ; TB27.4 protein; Mycobacterium tuberculosis

2/3,K/15 (Item 15 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002442739 IP ACCESSION NO: 5550912
A novel TB vaccine; towards a strategy based on our understanding of BCG failure

Agger, EM; Andersen, P
Department of Infectious Disease Immunology, Statens Serum Institut, Artillerivej 5, 2300 Copenhagen S, Denmark, [mailto:pa@si.dk]

Vaccine, v 21, n 1-2, p 7-14, November 22, 2002
PUBLICATION DATE: 2002

DOCUMENT TYPE: Journal Article; Review
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0264-410X
FILE SEGMENT: Immunology Abstracts; Bacteriology Abstracts (Microbiology B)

Agger, EM; Andersen, P

ABSTRACT:
... our understanding of the immunological deficits of BCG combined with novel knowledge on genetics of mycobacteria has paved the way for promising new vaccine strategies. These include recombinant modified BCG vaccines, attenuated strains of Mycobacterium tuberculosis, and various non-live candidates such as DNA and subunit vaccines. Decisive for transforming...

...failure of BCG in the third world and the interaction between this vaccine and environmental mycobacteria.

DESCRIPTORS: BCG; Vaccines; Tuberculosis; Reviews; DNA vaccines; Vaccination; Recombinants; Mycobacterium tuberculosis

2/3,K/16 (Item 16 from file: 24)

DIALOG(R)File 24:CSA Life Sciences Abstracts

0002433512 IP ACCESSION NO: 5528879
Specific Acquired Resistance in Mice Immunized with Killed Mycobacteria

Agger, EM; Weldingh, K; Olsen, AW; Rosenkrands, I; Andersen, P
Department of TB Immunology, Statens Serum Institut, Copenhagen, Denmark

Scandinavian Journal of Immunology, v 56, n 5, p 443-447, November 2002
PUBLICATION DATE: 2002

PUBLISHER: Blackwell Science Ltd

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0300-9475
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Specific Acquired Resistance in Mice Immunized with Killed Mycobacteria

Agger, EM; Weldingh, K; Olsen, AW; Rosenkrands, I; Andersen, P

ABSTRACT:
Past attempts to raise resistance against Mycobacterium tuberculosis using various preparations of killed mycobacteria have questioned the specificity of the generated immune response. In the present study, we have focused on the protective efficacy of experimental vaccines based on killed mycobacteria. We demonstrate that killed mycobacteria can confer high levels of protection, which can be adoptively transferred to recipient T-cell...

...Moreover, protective antigens can be found in the cell wall, membrane and cytosol of the mycobacterial cell, and hence emphasize the importance of searching for protective antigens in various compartments of the mycobacterial cell.

DESCRIPTORS: Adoptive transfer; Immunization; Lymphocytes T; Antigens; Vaccines; Mycobacterium tuberculosis

2/3,K/17 (Item 17 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts

0002409606 IP ACCESSION NO: 5741043
PPE Protein (Rv3873) from DNA Segment RD1 of Mycobacterium tuberculosis: Strong Recognition of Both Specific T-Cell Epitopes and Epitopes Conserved within the PPE Family

Okkels, LM*; Brock, I; Follmann, F; Agger, EM; Arend, SM; Ottenhoff, THM; Oftung, F; Rosenkrands, I; Andersen, P
Department of Infectious Disease Immunology, Statens Serum Institut, Artillerivej 5, DK-2300 Copenhagen, Denmark, [mailto:lmo@ssi.dk]

Infection and Immunity, v 71, n 11, p 6116-6123, November 2003
PUBLICATION DATE: 2003

PUBLISHER: American Society for Microbiology, 1752 N Street N.W.
Washington, DC 20036 USA, [URL:http://www.asm.org/]

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0019-9567
FILE SEGMENT: Nucleic Acids Abstracts; Bacteriology Abstracts (Microbiology B); Immunology Abstracts

PPE Protein (Rv3873) from DNA Segment RD1 of Mycobacterium tuberculosis: Strong Recognition of Both Specific T-Cell Epitopes and Epitopes Conserved within the PPE...

Okkels, LM*; Brock, I; Follmann, F; Agger, EM; Arend, SM; Ottenhoff, THM; Oftung, F; Rosenkrands, I; Andersen, P

ABSTRACT:
Proteins encoded by DNA segment RD1 of Mycobacterium tuberculosis have recently been demonstrated to play important roles in bacterial virulence, vaccine development, and...

...in M. tuberculosis H37Rv and that the native protein, Rv3873, is predominantly associated with the mycobacterial cell or wall. When tested as a His-tagged recombinant protein, Rv3873 stimulated high levels ...

...RD1-encoded antigens, Rv3873 was also found to be recognized by a significant proportion of Mycobacterium bovis BCG-vaccinated donors. Epitope mapping performed with overlapping peptides revealed a broad pattern of...

...DESCRIPTORS: Cell walls; Vaccines; Epitopes; PPE protein; CFP10 protein; hlp gene; esx gene; ESAT-6 antigen; Mycobacterium tuberculosis

0002261248 IP ACCESSION NO: 5241631
Antigen Discovery and Tuberculosis Vaccine Development in the Post-genomic Era

Skjoet, RLV; Agger, EM; Andersen, P
Department of TB Immunology, Statens Serum Institut, Copenhagen, Denmark

Scandinavian Journal of Infectious Diseases, v 33, n 9, p 643-647, 2001
PUBLICATION DATE: 2001

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0036-5548
FILE SEGMENT: Bacteriology Abstracts (Microbiology B)

Skjoet, RLV; Agger, EM; Andersen, P

ABSTRACT:
... 6 and antigen 85A/B. Today, the availability of the total nucleotide sequence of the Mycobacterium tuberculosis genome enables a post-genomic antigen discovery approach based on denotation and screening of...

DESCRIPTORS: Vaccines; Tuberculosis; Antigens; esat-6 gene; Mycobacterium tuberculosis

2/3,K/19 (Item 19 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002196797 IP ACCESSION NO: 4874192
Tuberculosis subunit vaccine development: On the role of interferon- gamma

Agger, EM; Andersen, P
Department of TB Immunology, Statens Serum Institute, Artillerivej 5, 2300 Copenhagen S, Denmark, [mailto:pa@si.dk]
EDITOR: Kurstak E. (ed.)

Vaccine, v 19, n 17-19, p 2298-2302, March 21, 2001
PUBLICATION DATE: 2001

PUBLISHER: Butterworth-Heinemann, 313 Washington St. Newton MA 02158 USA

CONFERENCE:
Millenium Second World Congress on Vaccines and Immunisation, Leige (Belgium), 29 Aug - 3 Sep, 2000

DOCUMENT TYPE: Journal Article; Conference
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0264-410X
FILE SEGMENT: Immunology Abstracts; Bacteriology Abstracts (Microbiology B)

Agger, EM; Andersen, P

DESCRIPTORS: Vaccines; Tuberculosis; Reviews; Immune response (cell-mediated); gamma-Interferon; Mycobacterium tuberculosis; Mycobacterium tuberculosis

2/3,K/20 (Item 20 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
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0002176623 IP ACCESSION NO: 4824610
Control of latent Mycobacterium tuberculosis infection is dependent on CD8 T cells

van Pinxteren, LAH; Cassidy, JP; Smedegaard, BHC; Agger, EM; Andersen, P
Statens Serum Institute, Department of TB Immunology, Artillerivej 5, DK-2300 Copenhagen S, Denmark, [mailto:pa@si.dk]

European Journal of Immunology, v 30, n 12, p 3689-3698, December 2000
PUBLICATION DATE: 2000

DOCUMENT TYPE: Journal Article

RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0014-2980
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Immunology Abstracts

Control of latent Mycobacterium tuberculosis infection is dependent on CD8 T cells

van Pinxteren, LAH; Cassidy, JP; Smedegaard, BHC; Agger, EM; Andersen, P

ABSTRACT:
It is estimated that one-third of the world's population is infected with Mycobacterium tuberculosis, but that only 10% of infected people break down with the disease. In the...

...model of latency and reactivation. Mice aerosol-infected with M tuberculosis were treated with anti-mycobacterial drugs resulting in very low, stable bacterial numbers (<500 CFU in the spleen and lung...

...detected by intracellular staining for IFN- gamma as well as after antigen-specific stimulation with mycobacterial antigens. The CD8 subset was not involved in the acute stage of infection, but this...

DESCRIPTORS: Lymphocytes T; Latency; gamma -Interferon; Lung; CD4 antigen; animal models; CD8 antigen; Mycobacterium tuberculosis; Mycobacterium tuberculosis

2/3,K/21 (Item 21 from file: 24)
DIALOG(R)File 24:CSA Life Sciences Abstracts
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0002075068 IP ACCESSION NO: 4683601
Diagnosis of Tuberculosis Based on the Two Specific Antigens ESAT-6 and CFP10

Van Pinxteren, LAH; Ravn, P; Agger, EM; Pollock, J; Andersen, P*
Statens Serum Institut, Department of TB-Immunology, Artillerivej 5, 2300 Copenhagen S, Denmark, [mailto:pa@si.dk]

Clinical and Diagnostic Laboratory Immunology, v 7, n 2, p 155-160, March 2000
PUBLICATION DATE: 2000

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 1071-412X
FILE SEGMENT: Immunology Abstracts

Van Pinxteren, LAH; Ravn, P; Agger, EM; Pollock, J; Andersen, P*

ABSTRACT:
Tests based on tuberculin purified protein derivative (PPD) cannot distinguish between tuberculosis infection, Mycobacterium bovis BCG vaccination, or exposure to environmental mycobacteria. The present study investigated the diagnostic potential of two Mycobacterium tuberculosis-specific antigens (ESAT-6 and CFP10) in experimental animals as well as during natural...

2/3,K/22 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

152546202 CA: 152(24)546202v JOURNAL
Cutting Edge: Mincle Is Essential for Recognition and Adjuvanticity of the Mycobacterial Cord Factor and its Synthetic Analog Trehalose-Dibehenate
AUTHOR(S): Schoenen, Hanne; Bodendorfer, Barbara; Hitchens, Kelly; Manzanero, Silvia; Werninghaus, Kerstin; Nimmerjahn, Falk; Agger, Else Marie; Stenger, Steffen; Andersen, Peter; Ruland, Juergen; Brown, Gordon D.; Wells, Christine; Lang, Roland
LOCATION: Institute of Clinical Microbiology, Medical Department, Friedrich-Alexander-Universitaet Erlangen-Nuernberg and University Clinics of Erlangen, Erlangen, Germany,
JOURNAL: J. Immunol. (Journal of Immunology) DATE: 2010 VOLUME: 184 NUMBER: 6 PAGES: 2756-2760 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English PUBLISHER: American Association of Immunologists

2/3,K/23 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

151311124 CA: 151(14)311124m JOURNAL
Novel Generation Mycobacterial Adjuvant Based on Liposome-Encapsulated Monomycoloyl Glycerol from Mycobacterium bovis Bacillus Calmette-Guerin
AUTHOR(S): Andersen, Claire A. Sweetman; Rosenkrands, Ida; Olsen, Anja W; Nordly, Pernille; Christensen, Dennis; Lang, Roland; Kirschning, Carsten; Gomes, Jessica M; Bhowruth, Veemal; Minnikin, David E.; Besra, Gurdyal S.; Follmann, Frank; Andersen, Peter; Agger, Else Marie
LOCATION: Department of Infectious Disease Immunology, Adjuvant Research, Statens Serum Institut, Copenhagen, Den.
JOURNAL: J. Immunol. (Journal of Immunology) DATE: 2009 VOLUME: 183 NUMBER: 4 PAGES: 2294-2302 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English PUBLISHER: American Association of Immunologists

2/3,K/24 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

151195981 CA: 151(9)195981n JOURNAL
Adjuvanticity of a synthetic cord factor analogue for subunit Mycobacterium tuberculosis vaccination requires FcRgamma.-Syk-Card9-dependent innate immune activation
AUTHOR(S): Werninghaus, Kerstin; Babiak, Anna; Gross, Olaf; Hoelscher, Christoph; Dietrich, Harald; Agger, Else Marie; Mages, Joerg; Mocsai, Attila; Schoenen, Hanne; Finger, Katrin; Nimmerjahn, Falk; Brown, Gordon D.; Kirschning, Carsten; Heit, Antje; Andersen, Peter; Wagner, Hermann; Ruland, Juergen; Lang, Roland
LOCATION: Institute of Medical Microbiology, Immunology and Hygiene, Technical University Munich, Munich, Germany, D-81675
JOURNAL: J. Exp. Med. (Journal of Experimental Medicine) DATE: 2009 VOLUME: 206 NUMBER: 1 PAGES: 89-97 CODEN: JEMEAV ISSN: 0022-1007 LANGUAGE: English PUBLISHER: Rockefeller University Press

2/3,K/25 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

151075727 CA: 151(4)75727n JOURNAL
Tuberculosis Subunit Vaccination Provides Long-Term Protective Immunity Characterized by Multifunctional CD4 Memory T Cells
AUTHOR(S): Lindenstrom, Thomas; Agger, Else Marie; Korsholm, Karen S.; Darrah, Patricia A.; Aagaard, Claus; Seder, Robert A.; Rosenkrands, Ida; Andersen, Peter
LOCATION: Adjuvant Research, Department of Infectious Disease Immunology, Statens Serum Institut, Copenhagen, DK-2300, Den.
JOURNAL: J. Immunol. (Journal of Immunology) DATE: 2009 VOLUME: 182 NUMBER: 12 PAGES: 8047-8055 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English PUBLISHER: American Association of Immunologists

2/3,K/26 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

150561496 CA: 150(26)561496w JOURNAL
Adjuvant properties of a simplified C32 monomycolyl glycerol analogue
AUTHOR(S): Bhowruth, Veemal; Minnikin, David E.; Agger, Else Marie; Andersen, Peter; Bramwell, Vincent W; Perrie, Yvonne; Besra, Gurdyal S.
LOCATION: School of Biosciences, University of Birmingham, Edgbaston, Birmingham, UK, B15 2TT
JOURNAL: Bioorg. Med. Chem. Lett. (Bioorganic & Medicinal Chemistry Letters) DATE: 2009 VOLUME: 19 NUMBER: 7 PAGES: 2029-2032 CODEN: BMCLE8 ISSN: 0960-894X PUBLISHER ITEM IDENTIFIER: 0960-894X(09)00171-1
LANGUAGE: English PUBLISHER: Elsevier B.V.

2/3,K/27 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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150119700 CA: 150(7)119700j PATENT
Monomycolyl glycerol and analogs for use as adjuvant in vaccine against cancer, infection and Alzheimer's disease
INVENTOR(AUTHOR): Agger, Else Marie; Andersen, Claire; Andersen, Peter; Besra, Gurdyal; Minikin, David
LOCATION: Den.
ASSIGNEE: Statens Serum Institut
PATENT: PCT International ; WO 200903474 A1 DATE: 20090108
APPLICATION: WO 2008DK239 (20080626) *DK 2007965 (20070629)
PAGES: 60pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
IPCR/8 + Level Value Position Status Version Action Source Office:
A61K-0039/39 A I F B 20060101 H EP
A61P-0037/04 A I L B 20060101 H EP
DESIGNATED COUNTRIES: AE; AG; AL; AM; AO; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; NO; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

2/3,K/28 (Item 7 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

150096018 CA: 150(6)96018b JOURNAL
A Simple Mycobacterial Monomycolated Glycerol Lipid Has Potent Immunostimulatory Activity
AUTHOR(S): Andersen, Claire S.; Agger, Else Marie; Rosenkrands, Ida; Gomes, Jessica M.; Bhowruth, Veemal; Gibson, Kevin J. C.; Petersen, Rune V.; Munnikin, David E.; Besra, Gurdyal S.; Andersen, Peter
LOCATION: Department of Infectious Disease Immunology, Adjuvant Research, Statens Serum Institut, Copenhagen, 2300, Den.
JOURNAL: J. Immunol. (Journal of Immunology) DATE: 2008 VOLUME: 182 NUMBER: 1 PAGES: 424-432 CODEN: JOIMA3 ISSN: 0022-1767 LANGUAGE: English MEETING DATE: 20090000 PUBLISHER: American Association of Immunologists

2/3,K/29 (Item 8 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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149574704 CA: 149(26)574704s JOURNAL
Adult-like anti-mycobacterial T cell and in vivo dendritic cell responses following neonatal immunization with Ag85B-ESAT-6 in the IC31 adjuvant
AUTHOR(S): Kamath, Arun T.; Rochat, Anne-Francoise; Valenti, Mario P.; Agger, Else Marie; Lingnau, Karen; Andersen, Peter; Lambert, Paul-Henri; Siegrist, Claire-Anne
LOCATION: World Health Organization Collaborating Center for Vaccinology and Neonatal Immunology, Departments of Pathology-Immunology and Pediatrics, University of Geneva, Geneva, Switz.
JOURNAL: PLoS One (PLoS One) DATE: 2008 VOLUME: 3 NUMBER: 11 PAGES: No pp. given CODEN: POLNCL UNIFORM RESOURCE LOCATOR (URL): http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0003683
MEDIA TYPE: online computer file ISSN: 1932-6203 LANGUAGE: English
PUBLISHER: Public Library of Science

2/3,K/30 (Item 9 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

149468933 CA: 149(21)468933f JOURNAL
Cationic liposomes formulated with synthetic mycobacterial cord factor (CAF01): a versatile adjuvant for vaccines with different immunological requirements
AUTHOR(S): Agger, Else Marie; Rosenkrands, Ida; Hansen, Jon; Brahimi, Karima; Vandahl, Brian S.; Aagaard, Claus; Werninghaus, Kerstin; Kirschning, Carsten; Lang, Roland; Christensen, Dennis; Theisen, Michael; Follmann, Frank; Andersen, Peter
LOCATION: Adjuvant Research, Department of Infectious Disease Immunology, Statens Serum Institut, Copenhagen, Den.
JOURNAL: PLoS One (PLoS One) DATE: 2008 VOLUME: 3 NUMBER: 9 PAGES: No pp. given CODEN: POLNCL UNIFORM RESOURCE LOCATOR (URL): http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0003116
MEDIA TYPE: online computer file ISSN: 1932-6203 LANGUAGE: English
PUBLISHER: Public Library of Science

2/3,K/31 (Item 10 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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149007279 CA: 149(1)7279b JOURNAL
Protective anti-mycobacterial T cell responses through exquisite in vivo activation of vaccine-targeted dendritic cells

AUTHOR(S): Kamath, Arun T.; Valenti, Mario P.; Rochat, Anne-Francoise; Agger, Else M; Lingnau, Karen; von Gabain, Alexander; Andersen, Peter; Lambert, Paul-Henri; Siegrist, Claire-Anne
CORPORATE SOURCE: World Health Organization Collaborating Center for Vaccinology and Neonatal Immunology, Departments of Pathology-Immunology and Pediatrics, University of Geneva, Geneva, Switz.
JOURNAL: Eur. J. Immunol. (European Journal of Immunology) DATE: 2008 VOLUME: 38 NUMBER: 5 PAGES: 1247-1256 CODEN: EJIMAF ISSN: 0014-2980
LANGUAGE: English PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA

2/3,K/32 (Item 11 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

144049969 CA: 144(4)49969d JOURNAL
Characterization of cationic liposomes based on dimethyldioctadecylammonium and synthetic cord factor from M. tuberculosis (trehalose 6,6'-dibehenate)-A novel adjuvant inducing both strong CMI and antibody responses
AUTHOR(S): Davidsen, Jesper; Rosenkrands, Ida; Christensen, Dennis; Vangala, Anil; Kirby, Daniel; Perrie, Yvonne; Agger, Else Marie; Andersen, Peter
CORPORATE SOURCE: Vaccine Development, Adjuvant Research, Statens Serum Institut, Copenhagen, DK-2300, Den.
JOURNAL: Biochim. Biophys. Acta, Biomembr. (Biochimica et Biophysica Acta, Biomembranes) DATE: 2005 VOLUME: 1718 NUMBER: 1-2 PAGES: 22-31
CODEN: BBBMBS ISSN: 0005-2736 PUBLISHER ITEM IDENTIFIER: 0005-2736(05)00338-X LANGUAGE: English PUBLISHER: Elsevier B.V.

2/3,K/33 (Item 12 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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143120529 CA: 143(7)120529x PATENT
Freeze-dried vaccine adjuvant comprising quaternary ammonium compounds
INVENTOR(AUTHOR): Agger, Else Marie; Andersen, Peter
CORPORATE SOURCE: Statens Serum Institut
ASSIGNEE: Statens Serum Institut
PATENT: PCT International ; WO 200560330 A2 DATE: 20050707
APPLICATION: WO 2004DK893 (20041221) *DK 20031920 (20031222)
PAGES: 36 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: A61K-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

2/3,K/34 (Item 13 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142133056 CA: 142(8)133056v PATENT
Vaccines comprising cationic surfactant and lipid extract of

Mycobacterium BCG as adjuvant for treating cancer, allergy and autoimmune disease
INVENTOR(AUTHOR): Agger, Else Marie; Andersen, Peter; Olsen, Anja; Rosenkrands, Ida
LOCATION: Den.
ASSIGNEE: Statens Serum Institut
PATENT: PCT International ; WO 200504911 A2 DATE: 20050120
APPLICATION: WO 2004DK488 (20040707) *DK 20031046 (20030709) *DK 20031403 (20030927)
PAGES: 52 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: A61K-039/39A; A61K-039/04B; A61P-031/06B
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

2/3,K/35 (Item 14 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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135343273 CA: 135(24)343273v PATENT
Cloning and immunogenicity of Mycobacterium tuberculosis proteins
INVENTOR(AUTHOR): Agger, Else Marie; Andersen, Peter; Okkels, Li Mei Meng; Weldingh, Karin
LOCATION: Den.
ASSIGNEE: Statens Serum Institut
PATENT: PCT International ; WO 200179274 A2 DATE: 20011025
APPLICATION: WO 2001DK276 (20010419) *DK 2000666 (20000419) *DK 2001283 (20010221)
PAGES: 111 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C07K-014/195A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; CZ; DE; DE; DK; DK; DM; DZ; EE; EE; ES; FI; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

2/3,K/36 (Item 1 from file: 149)
DIALOG(R)File 149:TGG Health&Wellness DB(SM)
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03671252 SUPPLIER NUMBER: 178975966 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Adjuvant modulation of the cytokine balance in Mycobacterium tuberculosis subunit vaccines; immunity, pathology and protection. (Report)
Agger, Else Marie; Cassidy, Joseph P.; Brady, Joseph; Korsholm, Karen S.; Vingsbo-Lundberg, Carina; Andersen, Peter
Immunology, 124, 2, 175(11)

```
June,
2008
DOCUMENT TYPE: Report    PUBLICATION FORMAT: Magazine/Journal    ISSN:
0019-2805  LANGUAGE: English  RECORD TYPE: Abstract  TARGET AUDIENCE:
  Academic

Adjuvant modulation of the cytokine balance in Mycobacterium
  tuberculosis subunit vaccines; immunity, pathology and
  protection.(Report)
Agger, Else Marie...

...AUTHOR ABSTRACT:  Karen S. Korsholm (1), Carina Vingsbo-Lundberg (1),
Peter Andersen (1)
      Keywords:
      lung immunology/disease; Mycobacterium tuberculosis; T cells;
vaccines
      Abstract:
      Summary
      It is known that protection against tuberculosis is mediated...

...and studied cellular responses, bacterial replication and pathology in
the lungs of mice infected with Mycobacterium tuberculosis. All
vaccines induced cell-mediated and humoral responses but with markedly
different interferon-(gamma...


 2/3,K/37     (Item 2 from file: 149)
DIALOG(R)File 149:TGG Health&Wellness DB(SM)
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03228096      SUPPLIER NUMBER: 162471071     (USE FORMAT 7 OR 9 FOR FULL TEXT
)
Comparison of vesicle based antigen delivery systems for delivery of
  hepatitis B surface antigen.(Author abstract)
Vangala, Anil; Bramwell, Vincent W; McNeil, Sarah; Christensen, Dennis;
Agger, Else Marie; Perrie, Yvonne
Journal of Controlled Release, 119, 1, 102(9)
May 14,
2007
DOCUMENT TYPE: Author abstract    PUBLICATION FORMAT: Magazine/Journal
ISSN: 0168-3659  LANGUAGE: English  RECORD TYPE: Abstract
TARGET AUDIENCE: Academic

...Agger, Else Marie

...AUTHOR ABSTRACT:  cholesterol (DC-Chol) or dimethyl dioctadecylammonium
bromide (DDA) with hepatitis B surface antigen (HBsAg). Synthetic
mycobacterial cord factor, trehalose 6,6'-dibehenate (TDB) has been
used as an adjuvant and the...
? E AU=ANDERSEN, pETER

Ref    Items  Index-term
E1       388 *AU=ANDERSEN, PETER
E2         3  AU=ANDERSEN, PETER A
E3         3  AU=ANDERSEN, PETER A.
E4         1  AU=ANDERSEN, PETER ALEX
E5         3  AU=ANDERSEN, PETER ANDERS
E6         4  AU=ANDERSEN, PETER ANDREAS
E7         1  AU=ANDERSEN, PETER ANDREW
E8         4  AU=ANDERSEN, PETER B
E9         8  AU=ANDERSEN, PETER B.
E10        3  AU=ANDERSEN, PETER B. (RISOE NATIONAL LAB., DTU (
E11        5  AU=ANDERSEN, PETER BJOERN
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E12         2  AU=ANDERSEN, PETER BJORN

           Enter P or PAGE for more
? S E1-E12 AND (MYCOBA? OR NONPOLAR OR APOLAR)
             388  AU=ANDERSEN, PETER
               3  AU=ANDERSEN, PETER A
               3  AU=ANDERSEN, PETER A.
               1  AU=ANDERSEN, PETER ALEX
               3  AU=ANDERSEN, PETER ANDERS
               4  AU=ANDERSEN, PETER ANDREAS
               1  AU=ANDERSEN, PETER ANDREW
               4  AU=ANDERSEN, PETER B
               8  AU=ANDERSEN, PETER B.
               3  AU=ANDERSEN, PETER B. (RISOE NATIONAL LAB., DTU (
               5  AU=ANDERSEN, PETER BJOERN
               2  AU=ANDERSEN, PETER BJORN
          665209  MYCOBA?
           89988  NONPOLAR
           26258  APOLAR
      S3       236  E1-E12 AND (MYCOBA? OR NONPOLAR OR APOLAR)
? S S3 AND (APOLAR OR NONPOLAR)
             236  S3
           26258  APOLAR
           89988  NONPOLAR
      S4       1  S3 AND (APOLAR OR NONPOLAR)
? T S4/3,K/1
>>>KWIC option is not available in file(s): 399

 4/3,K/1     (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

  142133056     CA: 142(8)133056v     PATENT
  Vaccines comprising cationic surfactant and lipid extract of
  Mycobacterium BCG as adjuvant for treating cancer, allergy and autoimmune
  disease
  INVENTOR(AUTHOR): Agger, Else Marie; Andersen, Peter; Olsen, Anja;
Rosenkrands, Ida
  LOCATION: Den.
  ASSIGNEE: Statens Serum Institut
  PATENT: PCT International ; WO 200504911 A2  DATE: 20050120
  APPLICATION: WO 2004DK488 (20040707) *DK 20031046 (20030709) *DK 20031403
(20030927)
  PAGES: 52 pp.  CODEN: PIXXD2  LANGUAGE: English
  PATENT CLASSIFICATIONS:
    CLASS:  A61K-039/39A; A61K-039/04B; A61P-031/06B
  DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW  DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; GM; GA; GN; GQ; GW; ML; MR;
NE; SN; TD; TG
? E AU=OLSEN, ANJA?

Ref    Items  Index-term
E1        12  AU=OLSEN, ANJA WEINREICH
E2         1  AU=OLSEN, ANJA WEINRICH
E3         0 *AU=OLSEN, ANJA?
E4         3  AU=OLSEN, ANN J.
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E5          5  AU=OLSEN, ANN KARIN
E6         10  AU=OLSEN, ANN-KARIN
E7          9  AU=OLSEN, ANNA
E8          4  AU=OLSEN, ANNA CATHARINA
E9          2  AU=OLSEN, ANNA H
E10         2  AU=OLSEN, ANNA H.
E11         2  AU=OLSEN, ANNA IVANOVA
E12         1  AU=OLSEN, ANNA L

            Enter P or PAGE for more
? S E1-E2
            12  AU=OLSEN, ANJA WEINREICH
             1  AU=OLSEN, ANJA WEINRICH
        S5  13  E1-E2
? S S5 AND (MYCOB?)
            13  S5
        671777  MYCOB?
        S6   7  S5 AND (MYCOB?)
? T S6/3,K/1-7
>>>KWIC option is not available in file(s): 399

 6/3,K/1      (Item 1 from file: 24)
DIALOG(R)File  24:CSA Life Sciences Abstracts
(c) 2010 CSA. All rts. reserv.

0002832769        IP ACCESSION NO: 6669039
Protective immunity to tuberculosis with Ag85B-ESAT-6 in a synthetic
cationic adjuvant system IC31

Agger, Else Marie;  Rosenkrands, Ida;  Olsen, Anja Weinreich;  Hatch,
Graham;  Williams, Ann;  Kritsch, Constantia;  Lingnau, Karen;  Von Gabain,
Alexander;  Andersen, Claire Swetman;  Korsholm, Karen Smith;  Andersen,
Peter
Department of Infectious Disease Immunology, Statens Serum Institut,
Adjuvant Research, 5 Artillerivej, DK-2300 Copenhagen S, Denmark,
[mailto:eag@ssi.dk]

Vaccine, v 24, n 26, p 5452-5460, June 2006
PUBLICATION DATE: 2006

PUBLISHER: Butterworth-Heinemann, 313 Washington St. Newton MA 02158 USA

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0264-410X
FILE SEGMENT: Bacteriology Abstracts (Microbiology B); Medical &
Pharmaceutical Biotechnology Abstracts; Immunology Abstracts

Agger, Else Marie;  Rosenkrands, Ida;  Olsen, Anja Weinreich;  Hatch,
Graham;  Williams, Ann;  Kritsch, Constantia;  Lingnau, Karen;  Von Gabain,
Alexander;  Andersen, Claire...


ABSTRACT:
...  for the ability to augment the immune response and protective efficacy
of the well-known mycobacterial vaccine antigen, Ag85B-ESAT-6. The
IC31 adjuvant, consisting of a vehicle based on the...

...DESCRIPTORS: T;  gamma-Interferon;  Oligonucleotides;  TLR9 protein;
  CD4 antigen;  Toll-like receptors;  Cationic peptides;  Helper cells;
  Mycobacterium tuberculosis
```

6/3,K/2 (Item 1 from file: 76)
DIALOG(R)File 76:Environmental Sciences
(c) 2010 CSA. All rts. reserv.

0001853586 IP ACCESSION NO: 6869039
Protective immunity to tuberculosis with Ag85B-ESAT-6 in a synthetic cationic adjuvant system IC31

Agger, Else Marie; Rosenkrands, Ida; Olsen, Anja Weinreich; Hatch, Graham; Williams, Ann; Kritsch, Constantia; Lingnau, Karen; Von Gabain, Alexander; Andersen, Claire Swetman; Korsholm, Karen Smith; Andersen, Peter
Department of Infectious Disease Immunology, Statens Serum Institut, Adjuvant Research, 5 Artillerivej, DK-2300 Copenhagen S, Denmark, [mailto:eag@ssi.dk]

Vaccine, v 24, n 26, p 5452-5460, June 2006
PUBLICATION DATE: 2006

PUBLISHER: Butterworth-Heinemann, 313 Washington St. Newton MA 02158 USA

DOCUMENT TYPE: Journal Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English
ISSN: 0264-410X
FILE SEGMENT: Bacteriology Abstracts (Microbiology B)

Agger, Else Marie; Rosenkrands, Ida; Olsen, Anja Weinreich; Hatch, Graham; Williams, Ann; Kritsch, Constantia; Lingnau, Karen; Von Gabain, Alexander; Andersen, Claire...

ABSTRACT:
... for the ability to augment the immune response and protective efficacy of the well-known mycobacterial vaccine antigen, Ag85B-ESAT-6. The IC31 adjuvant, consisting of a vehicle based on the...

...DESCRIPTORS: T; gamma-Interferon; Oligonucleotides; TLR9 protein; CD4 antigen; Toll-like receptors; Cationic peptides; Helper cells; Mycobacterium tuberculosis

6/3,K/3 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

145269257 CA: 145(14)269257f JOURNAL
Protective immunity to tuberculosis with Ag85B-ESAT-6 in a synthetic cationic adjuvant system IC31
AUTHOR(S): Agger, Else Marie; Rosenkrands, Ida; Olsen, Anja Weinreich; Hatch, Graham; Williams, Ann; Kritsch, Constantia; Lingnau, Karen; von Gabain, Alexander; Andersen, Claire Swetman; Korsholm, Karen Smith; Andersen, Peter
LOCATION: Department of Infectious Disease Immunology, Adjuvant Research, Statens Serum Institut, Copenhagen, DK-2300, Den.
JOURNAL: Vaccine (Vaccine) DATE: 2006 VOLUME: 24 NUMBER: 26 PAGES: 5452-5460 CODEN: VACCDE ISSN: 0264-410X PUBLISHER ITEM IDENTIFIER: 0264-410X(06)00393-8 LANGUAGE: English PUBLISHER: Elsevier B.V.

6/3,K/4 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

138013499 CA: 138(2)13499n PATENT
Hybrids of M. tuberculosis antigens used as vaccines
INVENTOR(AUTHOR): Andersen, Peter; Olsen, Anja Weinreich; Skjot, Rikke
Louise Vinther; Rasmussen, Peter Birk
LOCATION: Den.
PATENT: U.S. Pat. Appl. Publ. ; US 20020176867 A1 DATE: 20021128
APPLICATION: US 805427 (20010313) *US PV44624 (19970418) *DK 971277
(19971110) *US PV70488 (19980105) *US 246191 (19981230)
PAGES: 36 pp., Cont.-in-part of U.S. Ser. No. 246,191, abandoned.
CODEN: USXXCO LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 424190100; A61K-039/04A; C07K-014/30B

6/3,K/5 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

137061764 CA: 137(5)61764w JOURNAL
Oral vaccination with subunit vaccines protects animals against aerosol
infection with Mycobacterium tuberculosis
AUTHOR(S): Doherty, T. Mark; Olsen, Anja Weinrich; van Pinxteren, Laurens
; Andersen, Peter
LOCATION: Department of Tuberculosis Immunology, Statens Serum Institute,
Copenhagen, 2300 S, Den.
JOURNAL: Infect. Immun. (Infection and Immunity) DATE: 2002 VOLUME: 70
NUMBER: 6 PAGES: 3111-3121 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE:
English PUBLISHER: American Society for Microbiology

6/3,K/6 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

136246016 CA: 136(16)246016b JOURNAL
Failure of the Mycobacterium bovis BCG vaccine: some species of
environmental mycobacteria block multiplication of BCG and induction of
protective immunity to tuberculosis
AUTHOR(S): Brandt, Lise; Cunha, Joana Feino; Olsen, Anja Weinreich;
Chilima, Ben; Hirsch, Penny; Appelberg, Rui; Andersen, Peter
LOCATION: Department of TB Immunology, Statens Serum Institut, Copenhagen
, 2300, Den.
JOURNAL: Infect. Immun. DATE: 2002 VOLUME: 70 NUMBER: 2 PAGES:
672-678 CODEN: INFIBR ISSN: 0019-9567 LANGUAGE: English PUBLISHER:
American Society for Microbiology

6/3,K/7 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

133148866 CA: 133(11)148866x JOURNAL
Efficient protection against Mycobacterium tuberculosis by vaccination
with a single subdominant epitope from the ESAT-6 antigen
AUTHOR(S): Olsen, Anja Weinreich; Hansen, Paul Robert; Holm, Arne;
Andersen, Peter
LOCATION: Department of TB Immunology, Statens Serum Institute,
Copenhagen, Den.
JOURNAL: Eur. J. Immunol. DATE: 2000 VOLUME: 30 NUMBER: 6 PAGES:

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1724-1732  CODEN: EJIMAF  ISSN: 0014-2980  LANGUAGE: English  PUBLISHER:
Wiley-VCH Verlag GmbH
? E AU=ROSENKRANDS, I DA

Ref    Items   Index-term
E1         2   AU=ROSENKRANDS, I*
E2        81 * AU=ROSENKRANDS, IDA
E3         1   AU=ROSENKRANDS, JOHANNES W
E4         1   AU=ROSENKRANDS, JOHN W
E5         1   AU=ROSENKRANDS, JOHN W
E6         1   AU=ROSENKRANDS, NIELS PETER
E7         2   AU=ROSENKRANDS, P.
E8         1   AU=ROSENKRANDS, T.
E9         1   AU=ROSENKRANDZ I
E10        1   AU=ROSENKRANG, G
E11        1   AU=ROSENKRANK H
E12        1   AU=ROSENKRANK W

           Enter P or PAGE for more
? S E1-E12
                2  AU=ROSENKRANDS, I*
               81  AU=ROSENKRANDS, IDA
                1  AU=ROSENKRANDS, JOHANNES W
                1  AU=ROSENKRANDS, JOHN W
                1  AU=ROSENKRANDS, JOHN W
                1  AU=ROSENKRANDS, NIELS PETER
                2  AU=ROSENKRANDS, P.
                1  AU=ROSENKRANDS, T.
                1  AU=ROSENKRANDZ I
                1  AU=ROSENKRANG, G
                1  AU=ROSENKRANK H
                1  AU=ROSENKRANK W
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? S S7 AND (MYCOBAC?)
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           664808  MYCOBAC?
       S8      72  S7 AND (MYCOBAC?)
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>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
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? S S9 AND (APOLAR OR NONPOLAR OR NON-POLAR)
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            89988  NONPOLAR
             2165  NON-POLAR
      S10       1  S9 AND (APOLAR OR NONPOLAR OR NON-POLAR)
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>>>KWIC option is not available in file(s): 399

 10/3,K/1      (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2010 American Chemical Society. All rts. reserv.

  142133056     CA: 142(8)133056v     PATENT
  Vaccines comprising cationic surfactant and lipid extract of
  Mycobacterium BCG as adjuvant for treating cancer, allergy and autoimmune
  disease
  INVENTOR(AUTHOR): Agger, Else Marie; Andersen, Peter; Olsen, Anja;
```

```
Rosenkrands, Ida
   LOCATION: Den.
   ASSIGNEE: Statens Serum Institut
   PATENT: PCT International ; WO 200504911 A2  DATE: 20050120
   APPLICATION: WO 2004DK488 (20040707) *DK 20031046 (20030709) *DK 20031403
(20030927)
   PAGES: 52 pp.  CODEN: PIXXD2  LANGUAGE: English
   PATENT CLASSIFICATIONS:
      CLASS:  A61K-039/39A; A61K-039/04B; A61P-031/06B
   DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW  DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; NA; SD; SL; SZ; TZ; UG; ZM; ZW  AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;
PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR;
NE; SN; TD; TG
? S (NONPOLAR OR APOLAR OR NON-POLAR) AND (MYCOBAC?) AND
(DIMETHYLDICCTADECYLAMMONIUM?)
            89988  NONPOLAR
            26258  APOLAR
             2165  NON-POLAR
           664808  MYCOBAC?
             2497  DIMETHYLDICCTADECYLAMMONIUM?
      S11       0  (NONPOLAR OR APOLAR OR NON-POLAR) AND (MYCOBAC?) AND
                   (DIMETHYLDICCTADECYLAMMONIUM?)
? S (NONPOLAR OR APOLAR OR NON-POLAR) AND (MYCOBAC?)
            89988  NONPOLAR
            26258  APOLAR
             2165  NON-POLAR
           664808  MYCOBAC?
      S12     487  (NONPOLAR OR APOLAR OR NON-POLAR) AND (MYCOBAC?)
? S S12 AND DDA
             487  S12
           11570  DDA
      S13       1  S12 AND DDA
? S S12 AND ESAT6?
             487  S12
            1149  ESAT6?
      S14       1  S12 AND ESAT6?
? S S12 AND FRACTION
             487  S12
         2658162  FRACTION
      S15      40  S12 AND FRACTION
? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
      S16      10  RD (unique items)
? T S16/3,K/1-10
>>>KWIC option is not available in file(s): 399

 16/3,K/1      (Item 1 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)
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18430121    BIOSIS NO.: 200510124621
Compartmentalization of lipid biosynthesis in mycobacteria
```

AUTHOR: Morita Yasu S; Velasquez Rene; Taig Ellen; Waller Ross F; Patterson
John H; Tull Dedreia; Williams Spencer J; Billman-Jacobe Helen;
McConville Malcolm J (Reprint)
AUTHOR ADDRESS: Univ Melbourne, Mol Sci and Biotechnol Inst B1021, Dept
Biochem and Mol Biol, 30 Flemington Rd, Parkville, Vic 3010, Australia**
Australia
AUTHOR E-MAIL ADDRESS: malcolmm@unimelb.edu.au
JOURNAL: Journal of Biological Chemistry 280 (22): p21645-21652 JUN 3 05
2005
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

Compartmentalization of lipid biosynthesis in mycobacteria

ABSTRACT: The plasma membrane of Mycobacterium sp. is the site of
synthesis of several distinct classes of lipids that are either...
...clearly resolved from the cell wall by isopyknic density centrifugation
and amplified in rapidly dividing Mycobacterium smegmatis. In
contrast, the major pool of apolar PIMs and enzymes involved in
polar PIM biosynthesis were localized to a denser fraction that
contained both plasma membrane and cell wall markers (PM-CW). Based on
the resistance...

DESCRIPTORS:
BIOSYSTEMATIC NAMES: Mycobacteria--...

...Mycobacteriaceae--...

...Mycobacteria, Actinomycetes and Related Organisms, Eubacteria,
Bacteria, Microorganisms
ORGANISMS: Mycobacteria (Mycobacteria); ...

...Mycobacterium smegmatis (Mycobacteriaceae)
CHEMICALS & BIOCHEMICALS:
BIOSYSTEMATIC CODES:
08880 Mycobacteria
...

...08881 Mycobacteriaceae
COMMON TAXONOMIC TERMS:

16/3,K/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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14253833 BIOSIS NO.: 199800048080
Lipids from Mycobacterium leprae cell wall suppress T-cell activation
in vivo and in vitro
AUTHOR: Moura A C N (Reprint); Mariano M
AUTHOR ADDRESS: Hosp. Evandro Chagas, Oswaldo Cruz Inst., Oswaldo Cruz
Foundation, Avenida Brasil 4365, Manguinhos, 21045-900 Rio de Janeiro,
Brazil**Brazil
JOURNAL: Immunology 92 (4): p429-436 Dec., 1997 1997
MEDIUM: print
ISSN: 0019-2805
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

Lipids from Mycobacterium leprae cell wall suppress T-cell activation

in vivo and in vitro

ABSTRACT: The influence of Mycobacterium leprae cell wall lipids on lymphocyte functions has been investigated in vivo (delayed-type hypersensitivity...
...inflammatory response has been earlier evaluated by the mouse footpad oedema model and the delipidated mycobacteria evoked a mild but significant inflammatory response. Herein a higher level of hypersensitivity reaction was observed with delipidated bacilli than with the intact mycobacteria. The lipids obtained from the extract of M. leprae external cell wall were used to...

...method of lipidic extraction and the sodium dodecyl sulphate-polyacrylamide gel electrophoresis of the lipid fraction did not reveal any trace of proteins. Thin-layer chromatography of this extract detected four different bands with an apolar character, suggestive of mycolic and fatty acids. These same M. leprae liposomes potently suppressed lymph...

...we have previously observed in macrophage functions in vivo and in vitro. Although this lipidic fraction showed a suppressive action on T lymphocytes in vitro (proliferation) and in vivo (delayed-type...

DESCRIPTORS:
...BIOSYSTEMATIC NAMES: Mycobacteriaceae--...

...Mycobacteria, Actinomycetes and Related Organisms, Eubacteria, Bacteria, Microorganisms
...ORGANISMS: Mycobacterium-leprae (Mycobacteriaceae)
CHEMICALS & BIOCHEMICALS: Mycobacterium-leprae cell wall lipids
...
BIOSYSTEMATIC CODES:
...08881 Mycobacteriaceae
COMMON TAXONOMIC TERMS:

16/3,K/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12263751 BIOSIS NO.: 199497285036
Phospholipids of Mycobacterium intracellulare inhibit T cell blastogenesis
AUTHOR: Tomioka Haruaki (Reprint); Saito Hajime
AUTHOR ADDRESS: Dep. Microbiol. Immunology, Shimane Med. Univ., Izumo, Shimane 693, Japan**Japan
JOURNAL: Microbiology (Reading) 140 (4): p829-837 1994 1994
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

Phospholipids of Mycobacterium intracellulare inhibit T cell blastogenesis

ABSTRACT: A crude lipid fraction obtained from Mycobacterium intracellulare (M. whole lipids) suppressed concanavalin A (Con A)-induced blastogenesis of murine spleen cells (SPCs). Among three lipid fractions, the phospholipid fraction possessed the highest inhibitory activity, followed by the polar mycocide fraction, but the apolar mycocide fraction showed no activity. Since M. whole lipid and phospholipid fractions inhibited the Con A-induced...
...cell line, CTLL-2. When SPCs were pretreated with either M. whole lipid or phospholipid fraction for 24 h, an irreversible reduction in Con

A responsiveness was seen only in the...

...SPC culture with Con A. M whole lipids and the three lipid fractions (polar mycocide, apolar mycocide, and phospholipid fractions) did not exhibit suppressor cell-inducing activity, while M whole lipid fraction antagonized the Con A-mediated generation of suppressor cells. Silica gel thin layer chromatography of the phospholipid fraction showed four spots containing phosphate and one spot without. SPC Con A blastogenesis-inhibitory activity...

DESCRIPTORS:
...BIOSYSTEMATIC NAMES: Mycobacteriaceae--...

...Mycobacteria, Actinomycetes and Related Organisms, Eubacteria, Bacteria, Microorganisms
...ORGANISMS: Mycobacterium intracellulare (Mycobacteriaceae)

CHEMICALS & BIOCHEMICALS:
BIOSYSTEMATIC CODES:
...08881 Mycobacteriaceae
COMMON TAXONOMIC TERMS:

16/3,K/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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11740875 BIOSIS NO.: 199395043141
A new glycolipid from Mycobacterium avium Mycobacterium intracellulare complex
AUTHOR: Watanabe Motoko (Reprint); Kudoh Sukeyoshi; Yamada Yasuji; Iguchi Kazuo; Minnikin David E
AUTHOR ADDRESS: Res. Inst. of BCG, 3-1-5 Matsuyama, Kiyose, Tokyo 204, Japan**Japan
JOURNAL: Biochimica et Biophysica Acta 1165 (1): p53-60 1992
ISSN: 0006-3002
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

A new glycolipid from Mycobacterium avium Mycobacterium intracellulare complex

ABSTRACT: From a nonpolar lipid fraction of Mycobacterium avium - Mycobacterium intracellulare complex cell mass, a new glycolipid was obtained, which was shown to be 5...

...clinical isolates, were found to contain this glycolipid. But the glycolipid was not detected in Mycobacterium bovis BCG or Mycobacterium tuberculosis H37Rv.

DESCRIPTORS:
BIOSYSTEMATIC NAMES: Mycobacteriaceae--...

...Mycobacteria, Actinomycetes and Related Organisms, Eubacteria, Bacteria, Microorganisms
ORGANISMS: Mycobacterium avium @mycobacterium intracellulare (Mycobacteriaceae); ...

...Mycobacterium bovis (Mycobacteriaceae); ...

...Mycobacterium tuberculosis (Mycobacteriaceae)
CHEMICALS & BIOCHEMICALS:

BIOSYSTEMATIC CODES:
  08881 Mycobacteriaceae
COMMON TAXONOMIC TERMS:

 16/3,K/5   (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2010 The Thomson Corp. All rts. reserv.

05742415 Genuine Article#: WU832 No. References: 44
Title: Polynuclear aromatic hydrocarbon metabolism in soils: Relationship
    to soil characteristics and preexposure
Author: Carmichael LM; Pfaender FK (REPRINT)
Corporate Source: UNIV N CAROLINA, DEPT ENVIRONM SCI & ENGN, CB 7400 ROSENAU
    HALL/CHAPEL HILL//NC/27599 (REPRINT); UNIV N CAROLINA, DEPT ENVIRONM SCI
    & ENGN/CHAPEL HILL//NC/27599
Journal: ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY, 1997, V16, N4 (APR), P
    666-675
ISSN: 0730-7268 Publication Date: 19970400
Publisher: SETAC PRESS, 1010 NORTH 12TH AVE, PENSACOLA, FL 32501-3370
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: aromatic hydrocarbons (PAHs), The soils and [C-14]PAHs studied
    represent a range of characteristics (fraction of soil organic
    carbon [f(oc)] and PAH solubility) that can potentially impact
    contaminant fate...

...and K-ow), and many characteristics of soils (soil f(oc) and PAH
    concentration). The fraction of silt and clay in the soils for
    each soil-PAH combination, however, was negatively...
...Identifiers: MICROBIAL COMMUNITIES; MYCOBACTERIUM SP; DEGRADATION;
    BIODEGRADATION; SUBSURFACE; SEDIMENTS; BENZO<A>PYRENE; PHENANTHRENE;
    PYRENE; WATER
Research Fronts: 95-0186 001 (SEDIMENT TRANSPORT MODEL; SOIL SORPTION;
    NONPOLAR ORGANIC POLLUTANTS; POLYCYCLIC AROMATIC HYDROCARBONS;
    TIDAL CURRENTS IN THE EASTERN IRISH SEA; LOG K-OC...

 16/3,K/6   (Item 1 from file: 135)
DIALOG(R)File 135:NewsRx Weekly Reports
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0000307065   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Studies from Aga Khan University, Karachi highlight most recent findings
Obesity, Fitness & Wellness Week, June 13, 2006, p.146

DOCUMENT TYPE: Expanded Reporting LANGUAGE: English
RECORD TYPE: FULLTEXT
WORD COUNT: 1273

      Study 1: Elevated C-C chemokine ligand-2 concomitant with reduced
Mycobacterium-induced response leads to leprosy disease
dissemination.
      According to a study from Pakistan, " Mycobacterium leprae and
Mycobacterium tuberculosis are successful intracellular pathogens
which downregulate host immune responses.
      "T-cell interferon-gamma (IFN...

...lowered in leprosy, as compared with TB patients and healthy controls.
      "However," continued investigators, "both Mycobacterium bovis
BCG-(p=0.08) and M. leprae -induced (p=0.05) CCL2 secretion was...

...CCL5 (p=0.08) than M. leprae , while CXCL8 induction was comparable.

"Overall levels of Mycobacterium-induced CCL2, TNF alpha and CXCL8 were 2- to 3-fold lower, and CCL5 was...

...TNF alpha response in lepromatous leprosy may contribute to the unrestricted growth and dissemination of mycobacteria found in the disease."

Hasan and colleagues published their study in Scandinavian Journal of Immunology (Elevated serum CCL2 concomitant with a reduced Mycobacterium-induced response leads to disease dissemination in leprosy. Scand J Immunol, 2006;63(3):241...

...Cr exhibited a stimulant effect resistant to atropine while sensitive to pyrilamine pretreatment. The aqueous fraction, showing a strong presence of saponins, was found to be more efficacious than the nonpolar fractions in its spasmogenic effect."

"This study shows," concluded the authors, "the presence of species...

16/3,K/7 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
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0360701 DBR Accession No.: 2005-06405 PATENT
New adjuvant comprising a surfactant and a lipid extract of a mycobacterium, e.g. the BCG, M. microti, M. tuberculosis, and M. vaccae, useful for preparing a vaccine for treating cancer, allergy or autoimmune diseases - for cancer, allergy and autoimmune disease therapy
AUTHOR: AGGER E M; ANDERSEN P; OLSEN A; ROSENKRANDS I
PATENT ASSIGNEE: STATENS SERUM INST 2005
PATENT NUMBER: WO 200504911 PATENT DATE: 20050120 WPI ACCESSION NO.: 2005-101793 (200511)
PRIORITY APPLIC. NO.: DK 20031403 APPLIC. DATE: 20030927
NATIONAL APPLIC. NO.: WO 2004DK488 APPLIC. DATE: 20040707
LANGUAGE: English

New adjuvant comprising a surfactant and a lipid extract of a mycobacterium, e.g. the BCG, M. microti, M. tuberculosis, and M. vaccae, useful for preparing a...
ABSTRACT: DERWENT ABSTRACT: NOVELTY - An adjuvant comprising a surfactant and a lipid extract of a mycobacterium, e.g. the BCG, M. microti, M. tuberculosis, and M. vaccae, is new. DETAILED DESCRIPTION...

... method. BIOTECHNOLOGY - Preferred Adjuvant: The adjuvant comprises the lipid extract comprising the total lipid extract, apolar fraction or part of the apolar fraction of the mycobacterium cited above. The part of the apolar fraction of the lipid extract can be phthiocerol dimycocerosates, trehalose mycolipenates, glycosylated phenol phthiocerols (including phenolic...

... Preferred Vaccine: The vaccine comprises an antigenic component comprising an antigenic epitope from a virulent mycobacterium, e.g. Mycobacterium tuberculosis, M. bovis, or M. africanum. The antigenic component is an ESAT6-Ag85B hybrid or...

...The vaccine is administered parenterally, orally or mucosally (claimed). EXAMPLE - Total lipids, purified polar or apolar lipids were prepared by re-dissolving dry lipid material with Milli Q water at 1...
DESCRIPTORS: bcg, Mycobacterium tuberculosis, Mycobacterium bovis, Mycobacterium africanum vaccine prep., appl., cancer, allergy, autoimmune disease therapy bacterium tumor cytostatic antiallergic immunosuppressive (24...

16/3,K/8 (Item 1 from file: 149)
DIALOG(R)File 149:TGG Health&Wellness DB(SM)
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03639568 SUPPLIER NUMBER: 177908449 (USE FORMAT 7 OR 9 FOR FULL TEXT
)
Evaluation of antiprotozoal and antimycobacterial activities of the resin
glycosides and the other metabolites of Scrophularia cryptophila.
Tasdemir, Deniz; Brun, Reto; Franzblau, Scott G.; Sezgin, Yukselen; Calis,
Ihsan
Phytomedicine: International Journal of Phytotherapy & Phytopharmacology,
15, 3, 209(7)
March,
2008
PUBLICATION FORMAT: Magazine/Journal ISSN: 0944-7113 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE: Academic
WORD COUNT: 4114 LINE COUNT: 00375

...AUTHOR ABSTRACT: as they inhibited all four parasitic protozoa. None of
the isolates had significant activity against Mycobacterium
tuberculosis (MICs > 100 (micro)g/ml) or were toxic towards mammalian (L6)
cells. This is...

...7).
(c) 2007 Published by Elsevier GmbH.
Keywords: Resin glycosides; Scrophularia; Scrophulariaceae;
Plasmodium; Trypanosoma; Leishmania; Mycobacterium
... is estimated that one-third of the world's population is infected
with tubercle bacillus Mycobacterium tuberculosis, which causes 8
million new cases and 2 million deaths per year (WHO, 2004...

...increases the bioactivity significantly. It is interesting to note that
compound 3 is the most apolar resin glycoside. A correlation between
lipophilicity and biological activity has been observed with antibacterial
Convolvulaceae...

...Microplate alamar blue assay versus BACTEC 460 system for
high-throughput screening of compounds against Mycobacterium
tuberculosis and Mycobacterium avium. Antimicrob. Agents Chemother.
41, 1004-1009.
Cunningham, I., 1977. New culture medium for maintenance...

...T., Guo, Y.-T., Miyahara, K., 1998. Components of the ether-insoluble
resin glycoside-like fraction from Cuscuta chinensis. Phytochemistry
48, 843-850.
Du, X.-M., Sun, N.-Y., Nishi, M., Kawasaki, T., Guo, Y.-T., Miyahara,
K., 1999. Components of the ether-insoluble resin glycoside fraction
from the seed of Cuscuta australis. J. Nat. Prod. 62, 722-725.
Emam, A.M...

16/3,K/9 (Item 2 from file: 149)
DIALOG(R)File 149:TGG Health&Wellness DB(SM)
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02942606 SUPPLIER NUMBER: 102677161 (USE FORMAT 7 OR 9 FOR FULL TEXT
)
Immunomodulatory activity of Mollugo verticillata L.
Ferreira, A.P.; Soares, G.L.G.; Salgado, C.A.; Goncalves, L.S.; Teixeira,
F.M.; Teixeira, H.C.; Kaplan, M.A.C.
Phytomedicine: International Journal of Phytotherapy & Phytopharmacology,

154(5)
March,
2003
PUBLICATION FORMAT: Magazine/Journal ISSN: 0944-7113 LANGUAGE: English
RECORD TYPE: Fulltext TARGET AUDIENCE: Academic
WORD COUNT: 2704 LINE COUNT: 00239

... cells, but suppress the immune response of these cells when treated with BCG antigen and Mycobacterium tuberculosis whole antigen (TB). Preliminary phytochemical tests allowed the detection of quercetin and triterpenoid glycosides...

...used. These animals were raised in plastic cages with unlimited access to food and water. Mycobacterium bovis BCG strain Monroe was obtained from Ataulpho de Paiva Institute, Rio de Janeiro, RI...
...in a Soxhlet device for 24 h. This material, with a low level of almost apolar compounds (hydrocarbons, long-chain alcohols and other lipids) was then submitted to exhaustive extraction with...

...vacuo and fractionated using crescent polarity solvents (hexane, dichloromethane, ethyl acetate and water). The hydroalcoholic fraction (EE) was dried in vacuc and lyophilized.
Detection of Triterpene and Flavonoid Derivatives in the...

...stimulated in vitro with BCG antigen (10 pg/ml), LPS (1 (micro)g/ml) and Mycobacterium tuberculosis whole antigen (TB-50 (micro)g/ml) with or without M. verticillata (25 (micro...

...the first week of infection, the early innate immune response is the main mechanism controlling Mycobacteria proliferation. (Yoshida et al., 1995; Pelletier et al., 1982). In inbred strains of mice, early...

...K, Inglis S, Dempsey WL (1998) Inhibition of tumor necrosis factor alpha alters resistence to Mycobacterium avium complex infection in mice. Antimicrob Agents Chemother 42: 2336-2341
Brown DH, Lafuse W, Zwilling BS (1995) Cytokine-mediated activation of macrophages from Mycobacterium bovis BCG-resistant and susceptible mice: differential effects of corticosterone on antimycobacterial activity and expression...

...injection of na extract of Ascaris suum on macrophage activation during the early phase of Mycobacterium bovis BCG in C57B1/6 mice. Braz J Med Biol Re 32: 1429-1436
Mabberley...

...Y, Masato U, Yoshida A (1995) Dissection of strain difference in acquired protective immunity against Mycobacterium bovis Calmette-Guerin bacillus (BCG). J Immunol 155: 2057-2066
Wagner H, Bladt S, Zgainski...

16/3,K/10 (Item 1 from file: 444)
DIALOG(R)File 444:New England Journal of Med.

00115015

Medical Progress: Drug-Induced Hepatotoxicity (Review Articles)

Lee, William M.
The New England Journal of Medicine
Oct 26, 1995; 333 (17), pp 1118-1127

LINE COUNT: 00555 WORD COUNT: 07663

TEXT
...that they can be filtered by the glomerulus or excreted in bile. Biotransformation from a nonpolar to a polar compound takes place in several steps, grouped as phase 1 and phase...transferase and sulfotransferase are available, (Ref. 4) phase 2 reactions predominate, with only a small fraction of acetaminophen metabolized directly by cytochrome P450, unless the quantity of acetaminophen exceeds the capacity ...

CITED REFERENCES
...33:387-401.
75. Chiu J, Nussbaum J, Bozzette S, et al. Treatment of disseminated Mycobacterium avium complex infection in AIDS with amikacin, ethambutol, rifampin, and ciprofloxacin. Ann Intern Med 1990...
? DS

Set	Items	Description
S1	71	E1-E12 AND (MYCOBAC? OR APOLAR OR NONPOLAR)
S2	37	RD (unique items)
S3	236	E1-E12 AND (MYCOBA? OR NONPOLAR OR APOLAR)
S4	1	S3 AND (APOLAR OR NONPOLAR)
S5	13	E1-E2
S6	7	S5 AND (MYCOB?)
S7	94	E1-E12
S8	72	S7 AND (MYCOBAC?)
S9	46	RD (unique items)
S10	1	S9 AND (APOLAR OR NONPOLAR OR NON-POLAR)
S11	0	(NONPOLAR OR APOLAR OR NON-POLAR) AND (MYCOBAC?) AND (DIMETHYLDICCTADECYLAMMONIUM?)
S12	487	(NONPOLAR OR APOLAR OR NON-POLAR) AND (MYCOBAC?)
S13	1	S12 AND DDA
S14	1	S12 AND ESAT6?
S15	40	S12 AND FRACTION
S16	10	RD (unique items)

? S (NONPOLAR OR APOLAR OR NON-POLAR) AND (DIMETHYLDICCTADECYLAMMONIUM?)

	89988	NONPOLAR
	26258	APOLAR
	2165	NON-POLAR
	2497	DIMETHYLDICCTADECYLAMMONIUM?
S17	5	(NONPOLAR OR APOLAR OR NON-POLAR) AND (DIMETHYLDICCTADECYLAMMONIUM?)

? RD

>>>Duplicate detection is not supported for File 393.

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.
S18 3 RD (unique items)
? T S18/3,K/1-3
>>>KWIC option is not available in file(s): 399

18/3,K/1 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
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03118653 Genuine Article#: NG405 No. References: 55
Title: PHOTOPROCESSES OF ECOSIN AND ROSE-BENGAL ION-PAIRS WITH CATIONIC SURFACTANT IN NONPOLAR-SOLVENTS - APPLICATION IN PHOTOSENSITIZATION STUDIES
Author: BILSKI P; DABESTANI R; CHIGNELL CF

Corporate Source: NIEHS, MOLEC BIOPHYS LAB/RES TRIANGLE PK//NC/27709
Journal: JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, 1994, V79
, N1-2 (APR 10), P121-130
ISSN: 1010-6030
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Title: PHOTOPROCESSES OF EOSIN AND ROSE-BENGAL ION-PAIRS WITH CATIONIC
SURFACTANT IN NONPOLAR-SOLVENTS - APPLICATION IN
PHOTOSENSITIZATION STUDIES
...Abstract: We have studied the photoproperties of ion pairs formed
between RB or Eo and the dimethyldioctadecylammonium cation (RBS2
and EoS2) in isooctane, CCl4, toluene and CH2Cl2. No significant
concentration-dependent aggregation...

18/3,K/2 (Item 1 from file: 72)
DIALOG(R)File 72:EMBASE
(c) 2010 Elsevier B.V. All rts. reserv.

0068087686 EMBASE/Medline No: 10814263
Vesicles accelerate proton transfer from carbon up to 850-fold.
Perez-Juste J.; Hollfelder F.; Kirby A.J.; Engberts J.B.
Department of Organic and Molecular Inorganic Chemistry, University of
Groningen, The Netherlands.
CORRESP. AUTHOR/AFFIL: Perez-Juste J.: Department of Organic and
Molecular Inorganic Chemistry, University of Groningen, The Netherlands.

Organic letters (Org. Lett.) (United States) January 27, 2000, 2/2
(127-130)
ISSN: 1523-7060
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
FILE SEGMENT: Medline
LANGUAGE: English

...reaction of 1. Vesicles are more effective catalysts than micelles,
most likely providing a more apolar microenvironment at the substrate
binding sites. We suggest that this leads to a catalytic reaction...

DRUG TERMS (UNCONTROLLED): didodecyldimethylammonium;
dimethyldioctadecylammonium

18/3,K/3 (Item 1 from file: 149)
DIALOG(R)File 149:TGG Health&Wellness DB(SM)
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01147414 SUPPLIER NUMBER: 06331421 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cavitation and the interaction between macroscopic hydrophobic surfaces.
Christenson, Hugo K.; Claesson, Per M
Science, v239, n4838, p390(3)
Jan 22,
1988
PUBLICATION FORMAT: Magazine/Journal ISSN: 0036-8075 LANGUAGE: English
RECORD TYPE: Fulltext TARGET AUDIENCE: Academic
WORD COUNT: 1307 LINE COUNT: 00130

... 4) of double-chain cationic hydrocarbon and fluorocarbon
surfactants on mica. The hydrocarbon surfactant was
dimethyldioctadecylammonium bromide (DDOA; deposition pressure of 25
mN/m), and the fluorocarbon surfactant was N-([alpha...between macroscopic
surfaces down to molecular dimensions (2) is not justified. The hydrophobic
effect between nonpolar solute molecules and the hydrophobic
attraction between macroscopic surfaces are not the same thing.

```
Nevertheless...
? DS

Set       Items    Description
S1           71    E1-E12 AND (MYCOBAC? OR APOLAR OR NONPOLAR)
S2           37    RD  (unique items)
S3          236    E1-E12 AND (MYCOBA? OR NONPOLAR OR APOLAR)
S4            1    S3 AND (APOLAR OR NONPOLAR)
S5           13    E1-E2
S6            7    S5 AND (MYCOB?)
S7           94    E1-E12
S8           72    S7 AND (MYCOBAC?)
S9           46    RD  (unique items)
S10           1    S9 AND (APOLAR OR NONPOLAR OR NON-POLAR)
S11           0    (NONPOLAR OR APOLAR OR NON-POLAR) AND (MYCOBAC?) AND (DIME-
                   THYLDICCTADECYLAMMONIUM?)
S12         487    (NONPOLAR OR APOLAR OR NON-POLAR) AND (MYCOBAC?)
S13           1    S12 AND DDA
S14           1    S12 AND ESAT6?
S15          40    S12 AND FRACTION
S16          10    RD  (unique items)
S17           5    (NONPOLAR OR APOLAR OR NON-POLAR) AND (DIMETHYLDICCTADECYL-
                   AMMONIUM?)
S18           3    RD  (unique items)


      S20        80  RD  (unique items)
? S S20 AND (FRACTION?)
            80  S20
       4429933  FRACTION?
      S21          1  S20 AND (FRACTION?)
? S S20 AND (POLAR OR APOLAR OR NONPOLAR OR NON-POLAR OR CHLOROFORM OR METHANOL)
            80  S20
        814901  POLAR
         26258  APOLAR
         89988  NONPOLAR
          2165  NON-POLAR
        241157  CHLOROFORM
       1634163  METHANOL
      S22          0  S20 AND (POLAR OR APOLAR OR NONPOLAR OR NON-POLAR OR
                   CHLOROFORM OR METHANOL)
? S S20 AND SOLVENT
            80  S20
       1863555  SOLVENT
      S23          2  S20 AND SOLVENT
? T S23/3,K/1-2
>>>KWIC option is not available in file(s): 399

 23/3,K/1      (Item 1 from file: 72)
DIALOG(R)File  72:EMBASE
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0082542044      EMBASE/Medline No: 2008381027
  Liposomes act as stronger sub-unit vaccine adjuvants when compared to
microspheres
  ISSUE TITLE: In Honour of Gregory Gregoriadis, Recipient of the Journal
of Drug Targeting Life-time Achievement Award, 2008
  Kirby D.; Rosenkrands I.; Agger E.; Andersen P.; Coombes A.; Perrie Y.
  Medicines Research Unit, School of Life and Health Sciences, Aston
  University, Birmingham, United Kingdom
  CORRESP. AUTHOR/AFFIL: Perrie Y.: Medicines Research Unit, School of Life
and Health Sciences, Aston University, Birmingham, United Kingdom
```

Journal of Drug Targeting (J. Drug Targeting) (United Kingdom) August 22, 2008, 16/7-8 (543-554)
CODEN: JDTAE ISSN: 1061-186X eISSN: 1029-2330
PUBLISHER ITEM IDENTIFIER: 901326263
DOI: 10.1080/10611860802228558
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 73

...external aqueous phase of a water-in-oil-in-water (w/o/w) double emulsion solvent evaporation process for the preparation of microspheres-composed of poly(d,l-lactide-co-glycolide...

DRUG DESCRIPTORS:
chitosan--pharmaceutics--pr; dimethyldioctadecylammonium bromide --pharmaceutics--pr; early secretory antigenic target 6--intramuscular drug administration--im; early secretory antigenic target 6--pharmaceutics--pr; immunological adjuvant--pharmaceutics--pr; Mycobacterium vaccine --intramuscular drug administration--im; Mycobacterium vaccine --pharmaceutics--pr; oil; polyglactin--pharmaceutics--pr; solvent; surfactant; water
MEDICAL DESCRIPTORS:
CAS REGISTRY NO.: 9012-76-4 (chitosan); 3700-67-2 (dimethyldioctadecylammonium bromide); 26780-50-7...

23/3,K/2 (Item 1 from file: 357)
DIALOG(R)File 357:Derwent Biotech Res.
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0463517 DBR Accession No.: 2009-08958 PATENT
New functional liposomal configuration comprises ternary lipid system and a polynucleotide, useful for producing a liposomal gene vaccine for preventing and treating tuberculosis - pharmaceutical composition comprising liposome configuration containing ternary lipid system and polynucleotide, useful in producing liposomal gene vaccine for prevention and treatment of tuberculosis
AUTHOR: ANDRADE SANTANA M H; COELHO CASTELO A A M; GAZIOLA DE LA TORRE L; LOPES SILVA C; SILVA ROSADA R
PATENT ASSIGNEE: UNICAMP UNIV ESTADUAL CAMPINAS; UNIV SAO PAULO USP 2009
PATENT NUMBER: WO 2009073941 PATENT DATE: 20090618 WPI ACCESSION NO.: 2009-K66021 (200946)
PRIORITY APPLIC. NO.: BR 20075630 APPLIC. DATE: 20071212
NATIONAL APPLIC. NO.: WO 2008BR387 APPLIC. DATE: 20081212
LANGUAGE: English

...ABSTRACT: Trimethylammonium-Propane; 1,2-Dioleoyl-3Trimethylammonium-Propane; 1,2-Diacyl-3-Dimethylammonium-Propane; DC-Cholesterol HCl; Dimethyldioctadecylammonium Bromide; 1,2-Dilauroyl-sn-Glycero-3-Ethylphosphocholine; 1,2-Dimyristoyl-sn-Glycero-3-Ethylphosphocholine...
... liposomal gene vaccine LIPO-DNA-Hsp65 effective in reducing the colony forming units (CFU) of Mycobacterium tuberculosis. In that a previously determined amount of lipid solutions, that is, of the stock ...

... flask, and homogenized in a rotary evaporator; after the homogenization period, the evaporation of the solvent used in the lipid solutions is promoted; the evaporation occurred under relative vacuum ranging between...

... phase transition temperature of the components until a dry film was formed; once all the solvent of the mixture was evaporated, the dry film obtained is hydrated with a enough amount...